

Application No. 09/826,502

Docket No. SD-6643

AMENDMENTS TO THE SPECIFICATION

Please insert the following new paragraph in-between paragraphs [18] and [19]:

Fig. 4 shows a side view of the embodiment of Fig. 1, including bellows.

Please insert the following new paragraph in-between paragraphs [32] and [33]:

Fig. 4 shows a side view of the embodiment of Fig. 1, illustrating bellows 96 and 97 attached to upper and lower members 28 and 22, respectively.

Please amend paragraph [24] as follows:

A preferred embodiment of the invention is shown in Figs. 2 and 3. In this embodiment, the means for moving frame 2 include a subframe 4 and a plurality of glides 6 (two on each side), which support frame 2 and provide a low-friction interface between frame 2 and subframe 4. An actuator 8, for example, a screw drive or equivalent device for extending or retracting a mechanical connection, is attached between subframe 4 and frame 2 to position frame 2 forward for a test, or backward to permit a vehicle to move in or out of position to be tested. A second actuator ~~[[9]]~~ 11 connected between frame 2 and upper housing 16 controls the angle of upper housing 16 relative to lower housing 12.

Please amend paragraph [27] as follows:

Conventional controls are utilized to control the flow of gas through nozzles 32, 33. For example, an electronically controlled valve 37 could be at either end of each ~~house~~ hose 38. Such a configuration is preferable for individual control of the flow from each nozzle. Alternatively, if all nozzles are to be controlled simultaneously, a single-input, many-output manifold (not shown) could be placed between the output of each gas storage chamber 35, 36 and hoses 38. A single valve at the input to each manifold would control the flow through all the nozzles connected to that manifold. Other

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arrangements for connecting nozzles 32 to the gas supply, and controlling the flow of gas through the nozzles, are also contemplated.

Please amend paragraph [34] as follows:

The invention may be constructed of common materials, but those components which contain the gas flow, such as housing wall 12, sealing member 20, and ductwork 42, are preferably materials such as stainless steel and ~~WHAT IS SEALING MEMBER 202~~ which do not naturally attract explosive particles, as the intent of the system is that such particles are moved to detector 90, and not retained in the system.